LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX041963.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.392	206	214	226	rBV	354648	646507	12.95%	3.202%
2	2.575	239	244	251	rVB	34874	61663	1.23%	0.305%
3	3.001	293	314	329	rBV	1775305	4297495	86.06%	21.286%
4	4.617	561	579	607	rBV2	1287833	4993320	100.00%	24.732%
5	4.904	616	626	634	rBV2	49478	155045	3.11%	0.768%
6	5.013	634	644	675	rVB	598731	1915179	38.35%	9.486%
7	5.958	789	799	806	rBV	61789	166063	3.33%	0.823%
8	6.038	806	812	821	rVV2	19705	59739	1.20%	0.296%
9	6.257	840	848	858	rBV2	29503	79937	1.60%	0.396%
10	6.763	922	931	947	rVV	140770	340087	6.81%	1.684%
11	8.647	1234	1240	1247	rBV	297230	467184	9.36%	2.314%
12	8.720	1247	1252	1261	rVB2	57460	96822	1.94%	0.480%
13	8.805	1261	1266	1271	rBV	31513	53620	1.07%	0.266%
14	9.378	1353	1360	1368	rBV	85926	132517	2.65%	0.656%
15	10.055	1461	1471	1483	rBV	313308	513225	10.28%	2.542%
16	10.195	1490	1494	1505	rBV2	71258	124302	2.49%	0.616%
17	10.299	1505	1511	1518	rVV	89675	143964	2.88%	0.713%
18	10.640	1563	1567	1573	rBV	60046	82774	1.66%	0.410%
19	11.079	1634	1639	1645	rBV	242785	344476	6.90%	1.706%
20	11.506	1705	1709	1715	rVB4	37810	56732	1.14%	0.281%
21	11.750	1739	1749	1754	rBV	43852	72969	1.46%	0.361%
22	11.884	1767	1771	1779	rVB	60943	84514	1.69%	0.419%
23	12.012	1788	1792	1794	rBV	57268	76849	1.54%	0.381%
24	12.103	1801	1807	1811	rBV3	86479	140616	2.82%	0.696%
25	12.244	1822	1830	1835	rBV2	50197	87327	1.75%	0.433%
26	12.579	1881	1885	1889	rVB	58396	73214	1.47%	0.363%
27	12.762	1907	1915	1920	rBV	101684	153806	3.08%	0.762%
28	12.902	1927	1938	1944	rBV	643537	898135	17.99%	4.449%
29	12.963	1944	1948	1957	rVB5	67318	125409	2.51%	0.621%
30	13.213	1984	1989	1995	rVB4	49589	79088	1.58%	0.392%
31	13.286	1995	2001	2005	rBV4	38505	57395	1.15%	0.284%
32	13.335	2005	2009	2013	rBV	122614	161710	3.24%	0.801%
33	13.469	2027	2031	2034	rBV2	161424	246397	4.93%	1.220%
34	13.512	2034	2038	2045	rVV	1103845	1548911	31.02%	7.672%
35	13.591	2045	2051	2060	rVB3	277504	446080	8.93%	2.209%
36	13.731	2070	2074	2077	rBV	184309	226695	4.54%	1.123%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

37	13.774	2077	2081	2089	rVB	442536	552314	11.06%	2.736%
38	13.932	2101	2107	2112	rBV4	58042	129736	2.60%	0.643%
39	14.097	2128	2134	2146	rBV	184681	297523	5.96%	1.474%

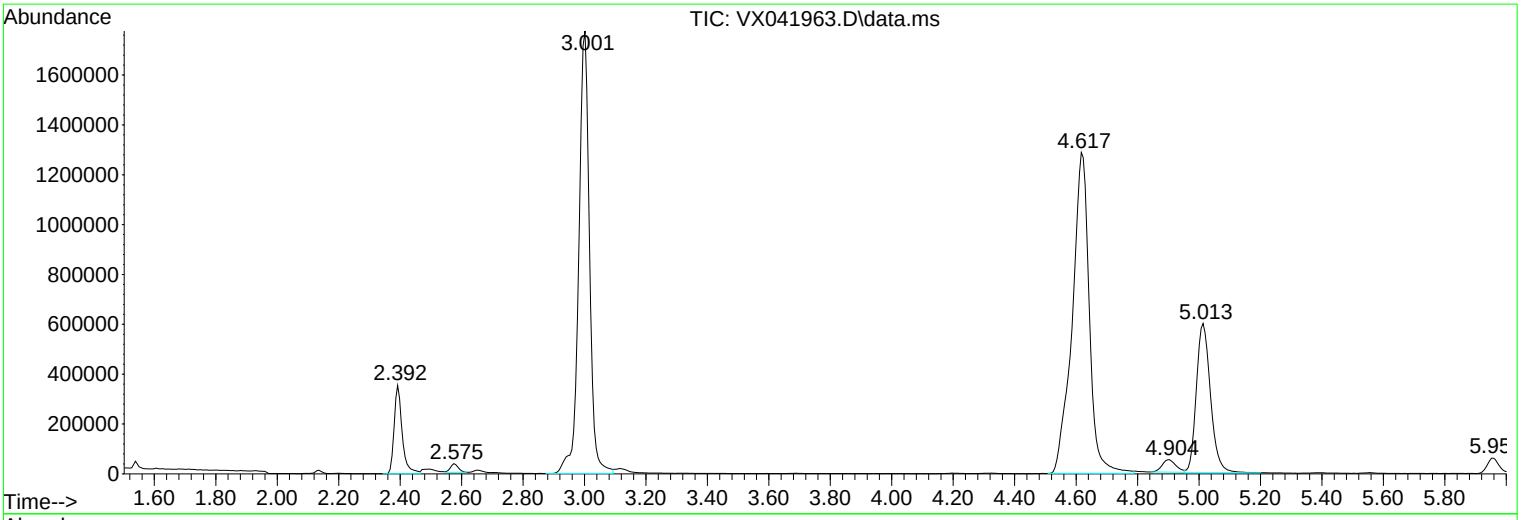
Sum of corrected areas: 20189339

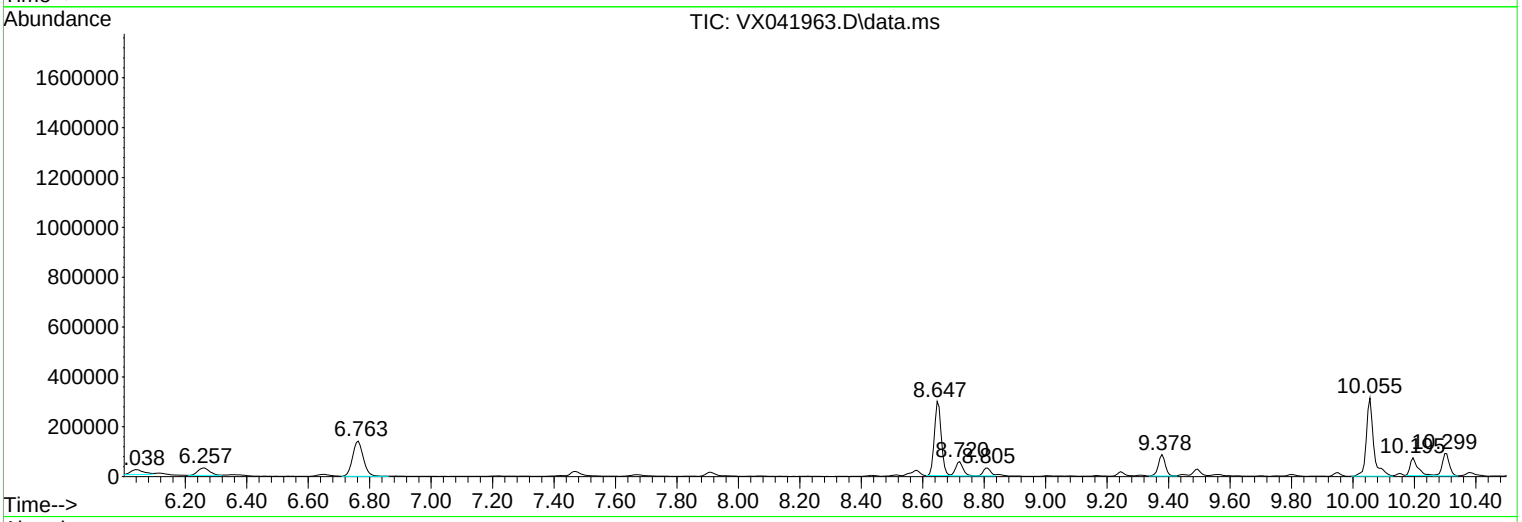
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

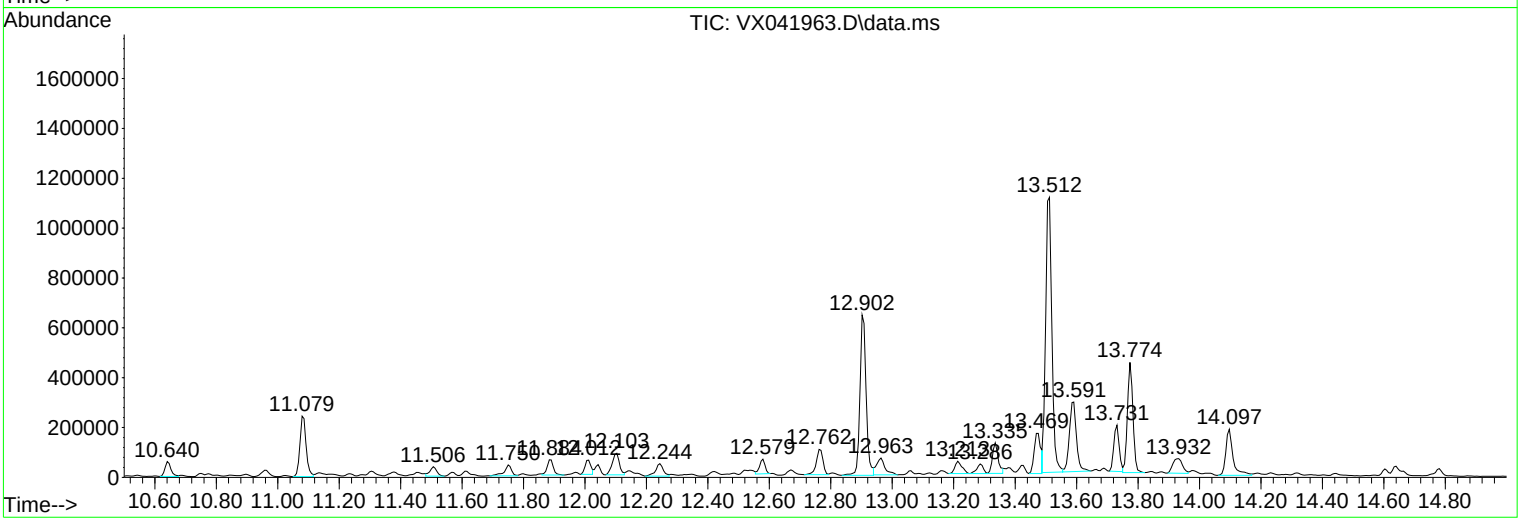
Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

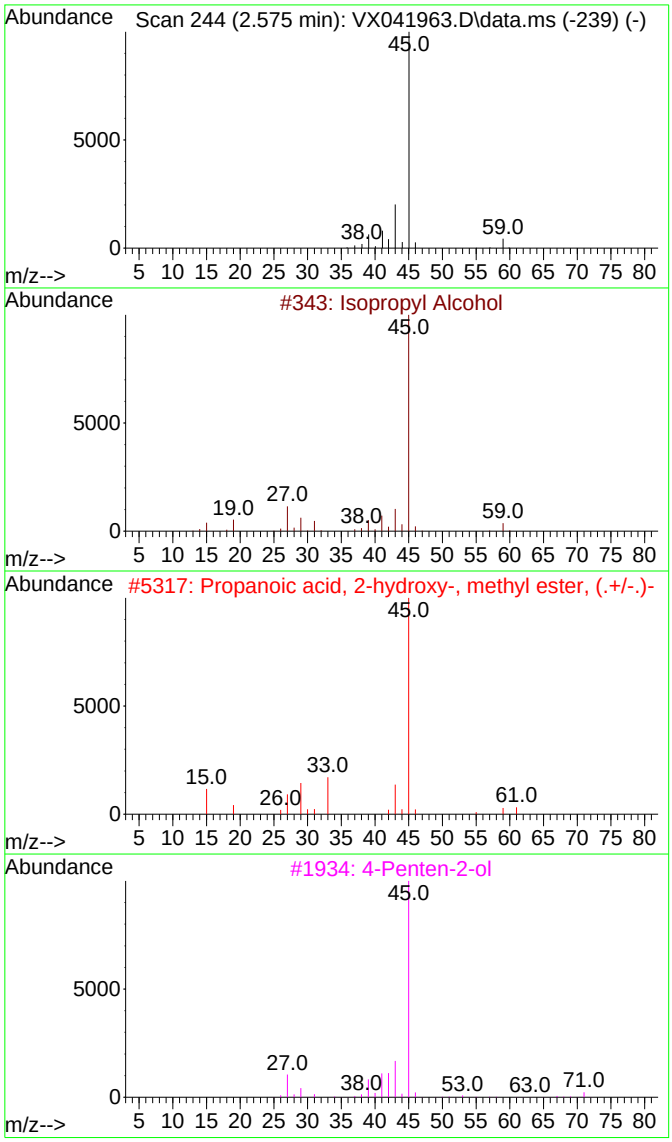
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

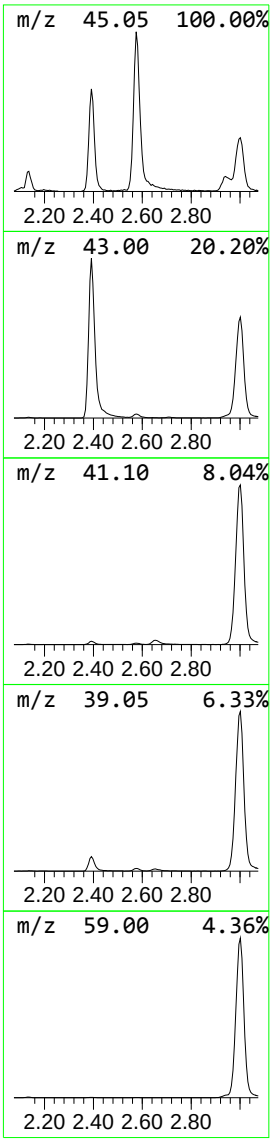
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.575	11.93 ug/l	61663	Bromochloromethane	4.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
3	4-Penten-2-ol	86	C5H10O	000625-31-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	L-Lactic acid	90	C3H6O3	000079-33-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

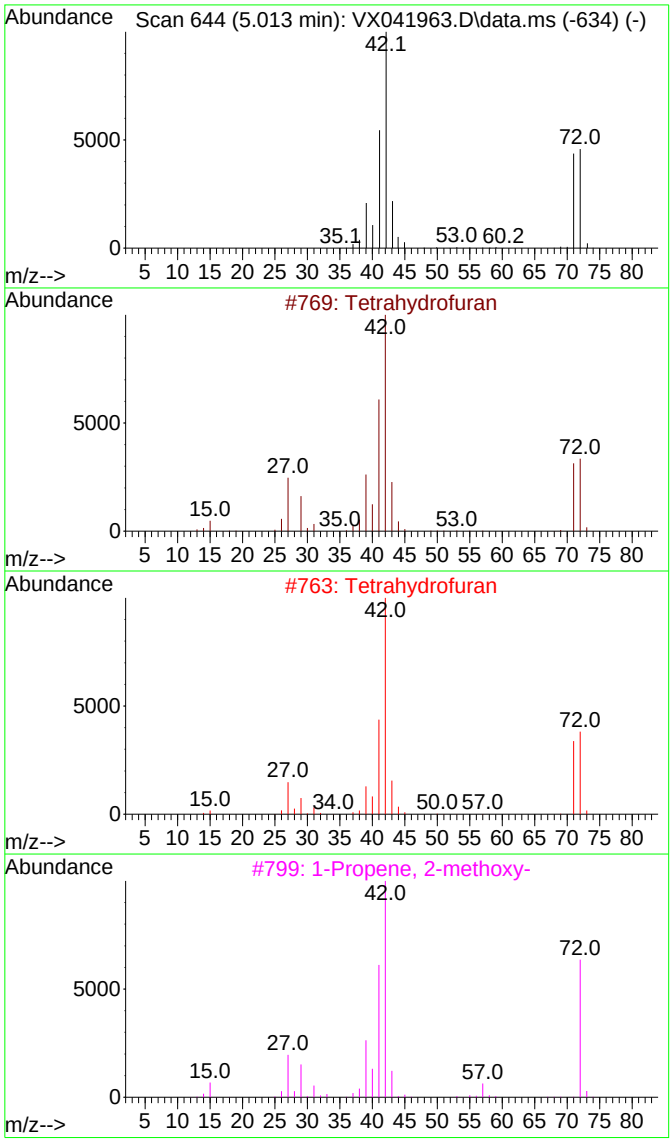
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

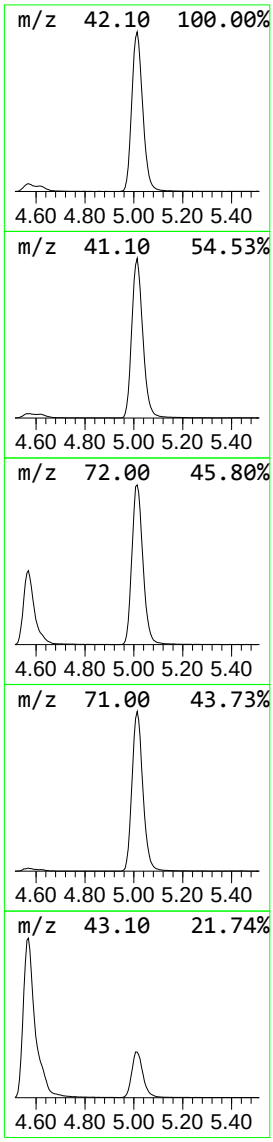
****

Peak Number 2 Tetrahydrofuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.013	370.57 ug/l	1915180	Bromochloromethane	4.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran	72	C4H8O	000109-99-9	91
2	Tetrahydrofuran	72	C4H8O	000109-99-9	90
3	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	58
4	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	53
5	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

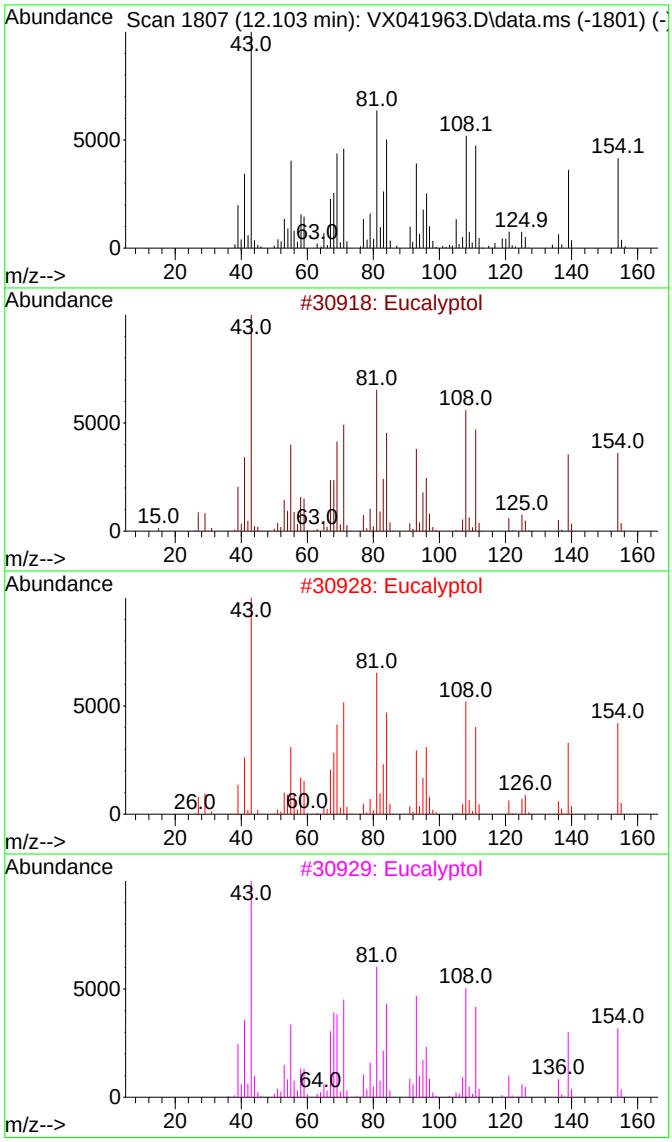
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

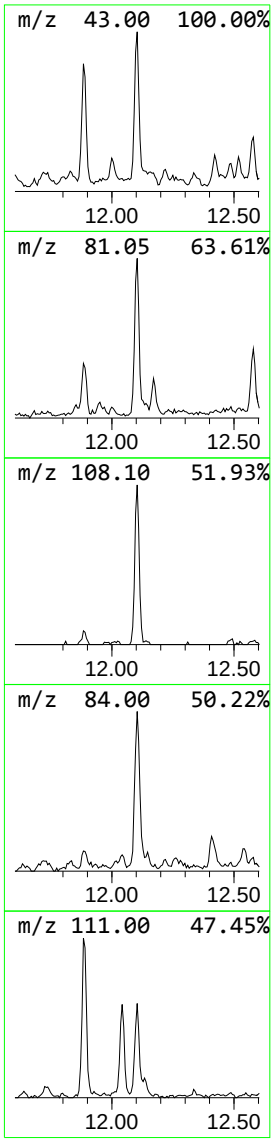
****

Peak Number 3 Eucalyptol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	8.22 ug/l	140616	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	99
2	Eucalyptol	154	C10H18O	000470-82-6	96
3	Eucalyptol	154	C10H18O	000470-82-6	91
4	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	74
5	Eucalyptol	154	C10H18O	000470-82-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

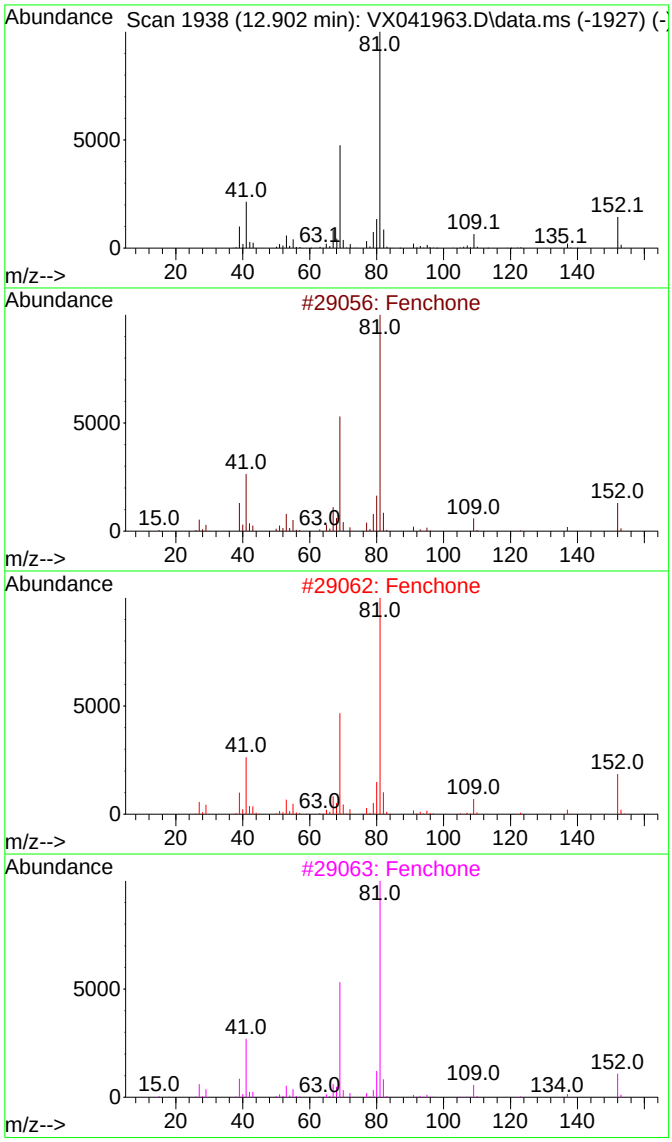
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

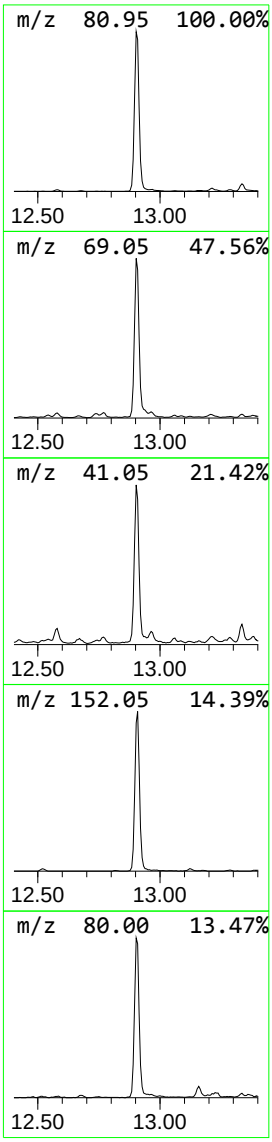
****

Peak Number 5 Fenchone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.902	52.50 ug/l	898135	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	95
2	Fenchone	152	C10H16O	001195-79-5	95
3	Fenchone	152	C10H16O	001195-79-5	95
4	D-Fenchone	152	C10H16O	004695-62-9	94
5	L-Fenchone	152	C10H16O	007787-20-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

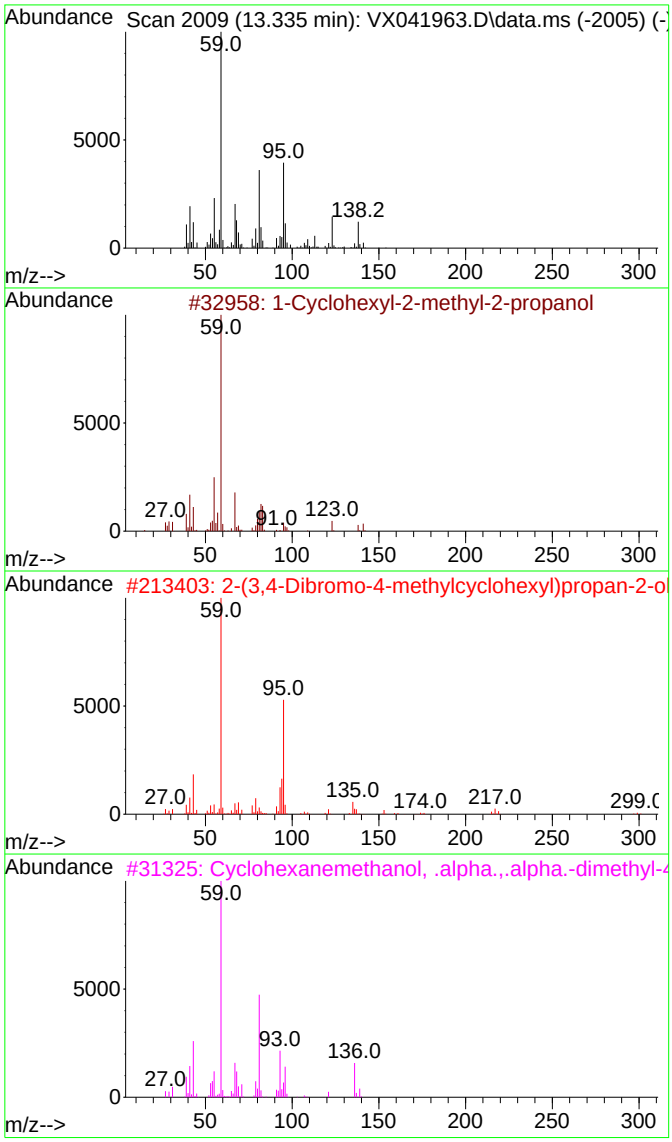
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

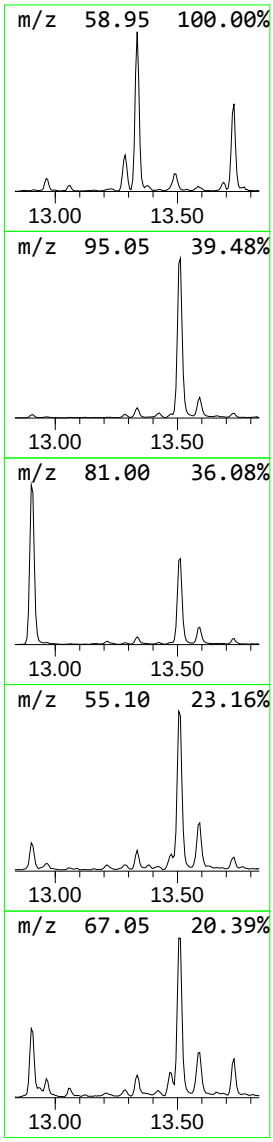
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Cyclohexyl-2-methyl-2-pro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	9.45 ug/l	161710	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	50
2	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	50
3	Cyclohexanemethanol, .alpha.,.al...	154	C10H18O	007299-42-5	37
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	32
5	Hexanamide	115	C6H13NO	000628-02-4	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

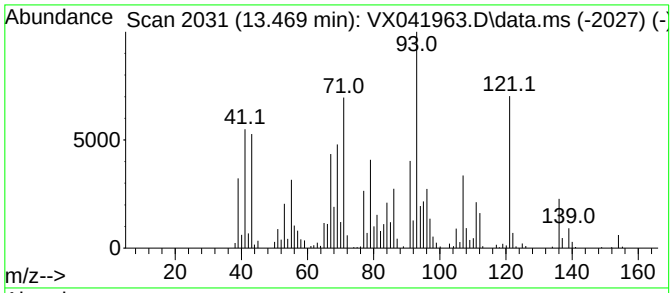
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

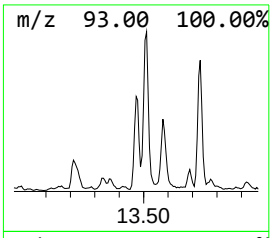
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

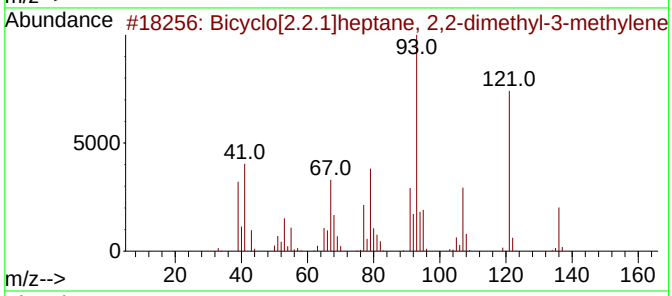
****
Peak Number 7 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 6

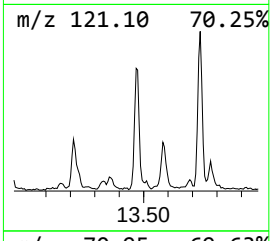
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	14.40 ug/l	246397	Chlorobenzene-d5	10.055

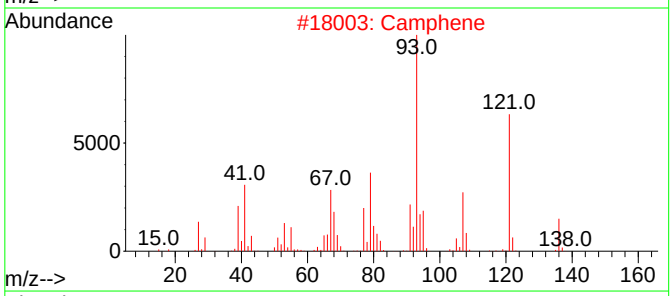
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	93
2	Camphene	136	C10H16	000079-92-5	92
3	5-Isopropyl-2-methylbicyclo[3.1....	154	C10H18O	000546-79-2	64
4	Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	62
5	Camphene	136	C10H16	000079-92-5	58

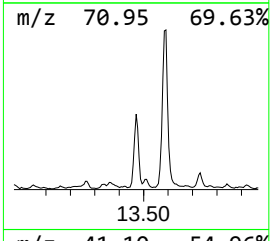


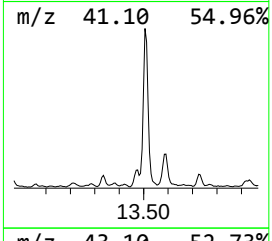


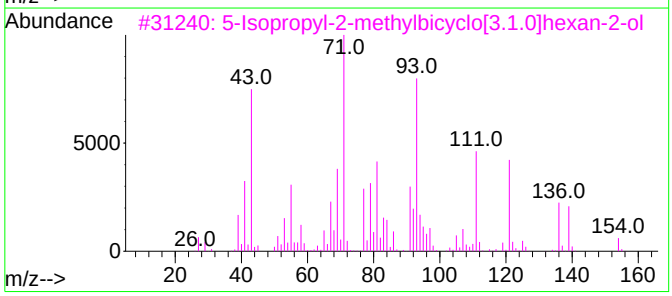


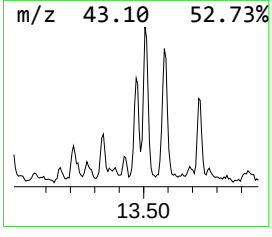












Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

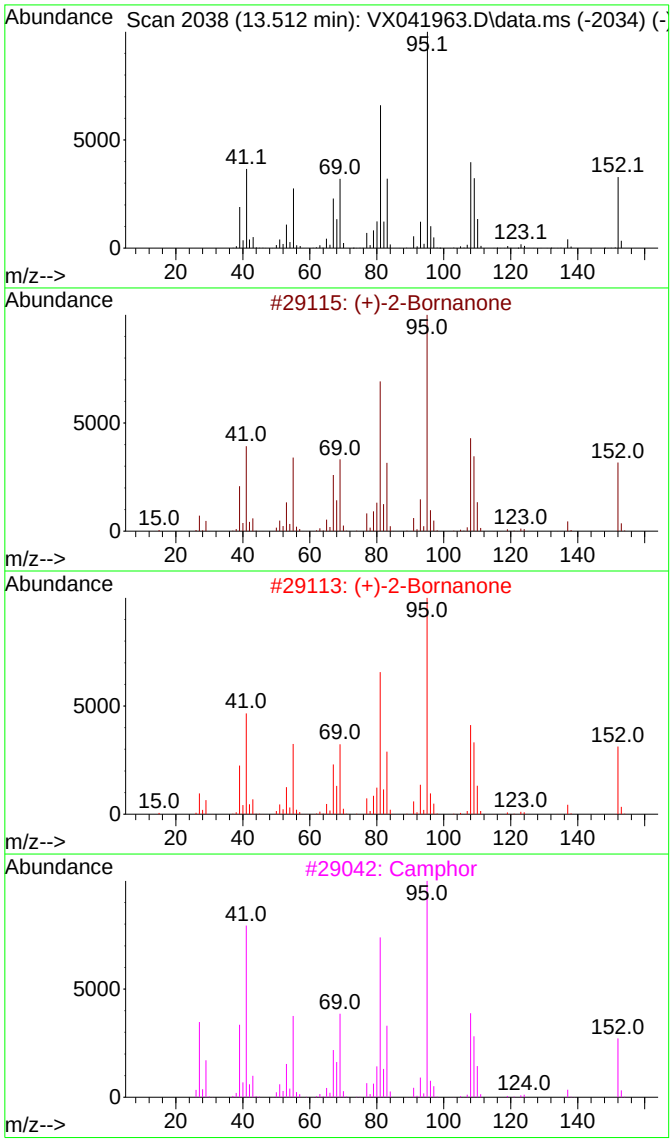
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

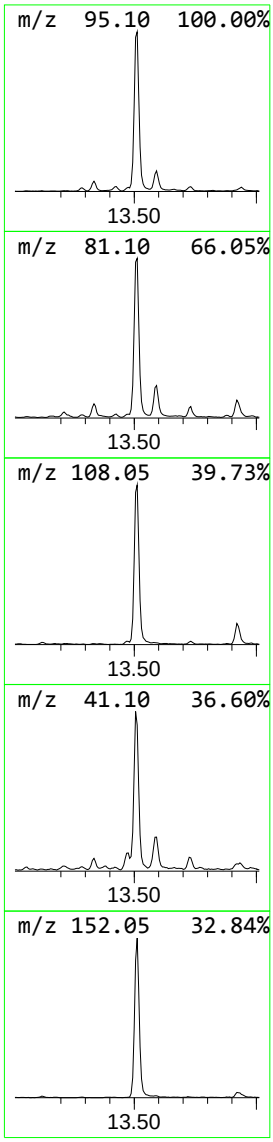
****

Peak Number 8 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.512	90.54 ug/l	1548910	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3	Camphor	152	C10H16O	000076-22-2	98
4	Camphor	152	C10H16O	000076-22-2	97
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

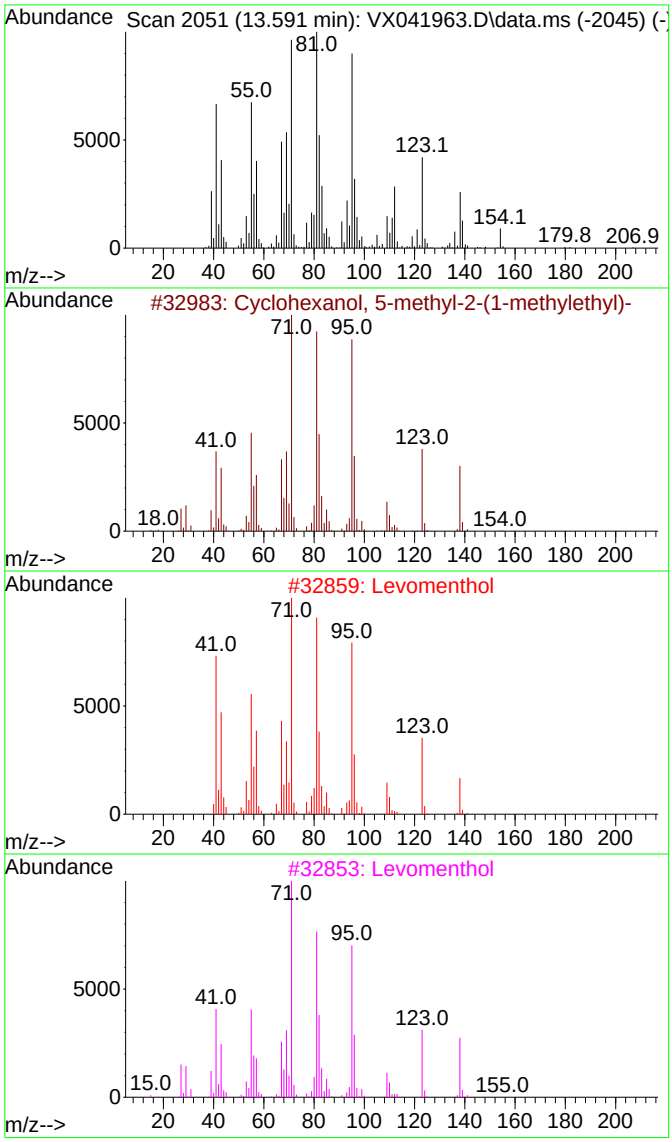
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

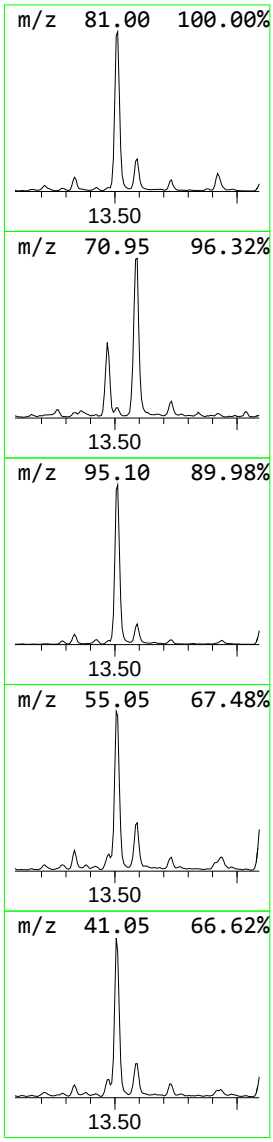
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.591	26.08 ug/l	446080	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	83
2	Levomenthol	156	C10H20O	002216-51-5	83
3	Levomenthol	156	C10H20O	002216-51-5	83
4	dl-Menthol	156	C10H20O	000089-78-1	83
5	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

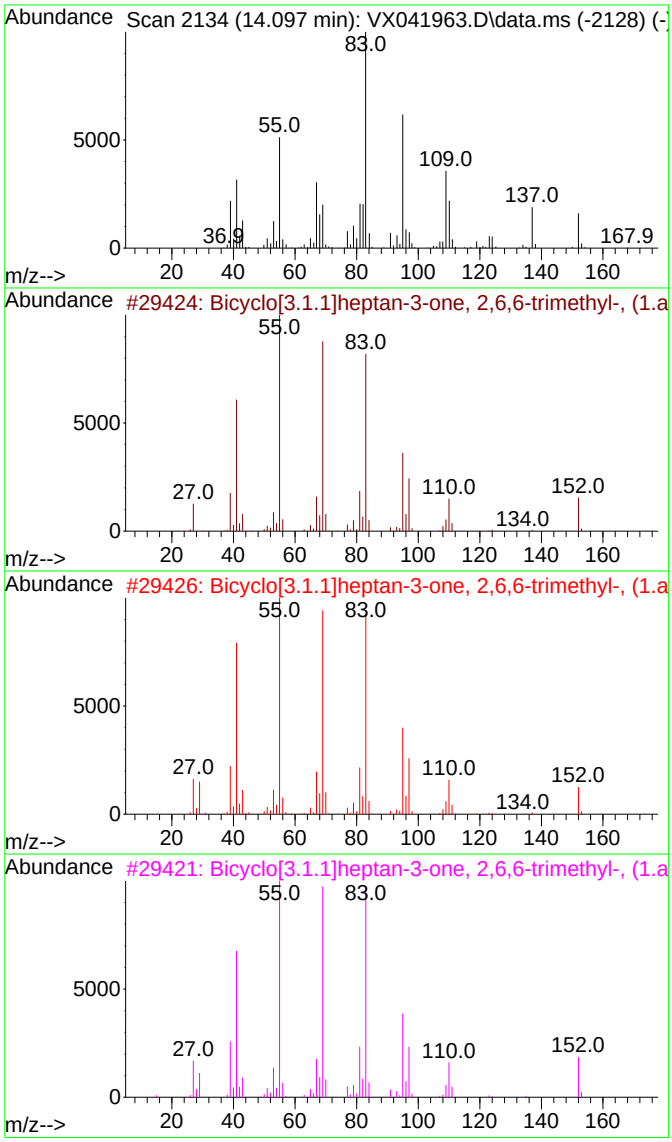
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

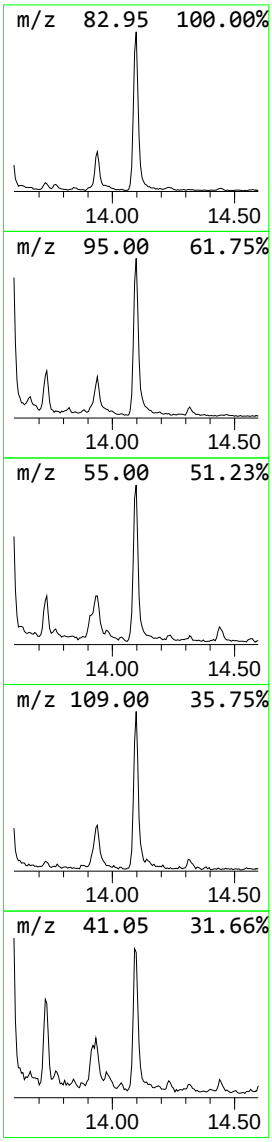
****

Peak Number 10 unknown14.097 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	17.39 ug/l	297523	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	49
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	49
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
Data File : VX041963.D
Acq On : 20 Jun 2024 14:11
Operator : JC/MD
Sample : P2981-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240619096-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.575	11.9	ug/l	61663	1	4.904	155045	30.0
Tetrahydrofuran	5.013	370.6	ug/l	1915180	1	4.904	155045	30.0
Eucalyptol	12.104	8.2	ug/l	140616	3	10.055	513225	30.0
Fenchone	12.902	52.5	ug/l	898135	3	10.055	513225	30.0
1-Cyclohexyl-2-...	13.335	9.4	ug/l	161710	3	10.055	513225	30.0
Bicyclo[2.2.1]h...	13.469	14.4	ug/l	246397	3	10.055	513225	30.0
(+)-2-Bornanone	13.512	90.5	ug/l	1548910	3	10.055	513225	30.0
Cyclohexanol, 5...	13.591	26.1	ug/l	446080	3	10.055	513225	30.0
unknown14.097	14.097	17.4	ug/l	297523	3	10.055	513225	30.0